

BP #11243  
118 Miner Street, East  
Yreka, California  
Case No. 1TSI015

**Notice of Proposed No Further Action related to petroleum hydrocarbon discharge.**  
Comment Period ends **June 1, 2003**

**Problem Description:**

The BP #11243 (former) service station site is located on East Miner Street in Yreka, Siskiyou County. One 10,000-gallon unleaded gasoline underground storage tank (UST), two 6,000-gallon unleaded gasoline USTs, one 550-gallon waste-oil UST and one 550-gallon heating-oil UST were removed from this site in September 1987. The USTs were reported to be in good condition at the time of their removal. Petroleum hydrocarbon contamination was not detected in any of the soil samples collected under the USTs, however, gasoline and BTEX constituents were detected in a soil sample collected under the dispenser island.

**Interim Actions Completed:**

Approximately 300 cubic yards of soil generated during the UST removal process was hauled offsite for disposal and three monitoring wells were installed in 1988 to determine the extent of contamination. Samples from the monitoring wells revealed groundwater contamination near the dispenser island and downgradient of the former UST area. Several additional investigations were completed and a total of twelve monitoring wells had been installed by 1991.

Groundwater monitoring was being conducted routinely at the site through about 1992 when it was discovered that chlorinated hydrocarbons (solvents) were present in groundwater samples. A search for an onsite source of the solvents was conducted and in 1995 the City of Yreka determined that American Fabric Care, a dry cleaner facility upgradient of the BP site, had discharged solvents to the sanitary sewer system. Based on the groundwater data collected from the BP site and several nearby UST sites, it appears a solvent plume originating near American Fabric Care traveled downgradient through several UST sites and eventually passed through the monitoring wells at the BP service station.

In 1998, impacted soil was removed during removal and replacement of old piping runs. Approximately thirty-seven tons of impacted soil was hauled offsite for appropriate disposal. Based on the absence of MtBE in the impacted soil beneath the piping and the concentrations of gasoline constituents detected in the samples, the contamination was reported to be consistent with historical conditions.

Groundwater samples were collected in September 2000 and again in November 2000. None of the tested constituents were detected above appropriate reporting limits in the groundwater samples collected in September 2000 with the exception of MtBE in MW-8 and MW-12 at concentrations of 1.1 ppb and 2.4 ppb respectively, and MtBE and ethylbenzene in MW-7 at concentrations of 0.84 and 0.71 respectively. None of the tested constituents were detected above appropriate reporting limits in any of the groundwater samples collected in November 2000 with the exception of ethylbenzene and xylenes in MW-7 at concentrations of 0.64 ppb and 1.3 ppb respectively.

**Proposed Action:**

This site is proposed for no further action.

**MtBE Status:** The highest concentration of MtBE detected in groundwater at this site was 2.4 parts-per-billion.

**Unless comments are received with significant new information, Regional Water Board staff plans to concur with no further action upon conclusion of the comment period. For further information regarding this site, please contact Dean Prat at (707) 576-2801.**